

Calcineurin-Related Transgenic Mammals, Compositions and
Methods

Abstract of the Disclosure

The present invention provides a transgenic nonhuman mammal
5 and mammalian cells whose genomes encode a calcineurin
inhibitor. The expression of the inhibitor is targeted to
the forebrain and may be induced experimentally. The present
invention further provides a composition of matter comprising
the nucleic acid sequences encoding the inhibitor and
10 additional sequences required for its targeted expression and
regulation. In addition, the present invention provides
methods for determining whether an agent inhibits long-term
potentiation and/or learning and memory in a mammal.